

Open Air Entertainment Activity Noise during Daytime and Evening Time

NSR ID	NSR Description	Fixed Plant Source	Source Height (mPD)	Measured SPL, dB(A)	Distance between source and measurement location (m)	Distance Attenuation dB(A)	^Calculated SWL, dB(A)	Distance between open air entertainment noise source and NSR within WKCD (m)	Distance Attenuation dB(A)	Tonality Correction dB(A)	#Screening Correction dB(A)	Facade Correction dB(A)	SPL, $L_{eq(30min)}$, dB(A)	Daytime Noise Criteria, dB(A)	Evening Time Noise Criteria, dB(A)
P29	Planned Residential Building	Outdoor Theatre (P50)	6.2	87.7	33.5	38.5	126.2	585	-63	0	-10	3	56	65	62
P32	Planned Residential Building	Outdoor Theatre (P50)	6.2	87.7	33.5	38.5	126.2	505	-62	0	-10	3	57	65	62

Note: (*) Sound Power Levels of outdoor theatre and amphitheatre were calculated by on-site measurement results of similar performance events as shown in Appendix 4.7b.

(#) While the NSR with no direct line of sight to the source/opening, a 5 dB(A) attenuation would be applied.

While the NSR with no direct line of sight to the source/opening which locates on the other side of the building or completely blocked by other building(s), a 10 dB(A) attenuation would be applied.

Shaded box with **Bold** figure denotes exceedance of relevant noise criteria

Fixed plant noise impacts from Planned Outdoor Theatre (P50) for night time period were included in the assessment, as no events at these theatres were assumed during the night time period.